

Please replace the paragraph at page 43, line 5, with the following rewritten paragraph:

When a file management table has already been held in the control data management unit 107, the AV file management information generating unit 112 assigns a not-assigned VOB identifier (e.g., the next VOB identifier). When a file management table has not been held in the control data management unit 107, the AV file management information generating unit 112 assigns VOB #1 as the VOB identifier, obtains the reproduction time of the AV file from the AV data input unit 111, and generates the VOB general information which includes these kinds of information.

Please replace the paragraph at page 52, line 7, with the following rewritten paragraph:

As described above, reference picture addresses corresponding to times which differ by the skip time are sequentially obtained in accordance with the time map information. Furthermore, the time map information includes the time map table and the VOBU table in a hierarchical structure in which the reproduction times of all the VOBUs and their storage positions (sector addresses) are related to each other. With this construction, it is unnecessary for the disc to record the reproduction times and storage positions (sector addresses) of all the VOBUs. This reduces the amount of data to be recorded in one disc, enabling video/audio data to be reproduced in realtime while the video/audio data is recorded onto the disc.

IN THE ABSTRACT:

Please replace the paragraph at page 60, line 1, with the following rewritten paragraph:

An optical disc including: a data area storing one or more video objects; and a time map area storing time map information. Each video object includes a plurality of video object units. The time map information includes a first time table and a second time table for each video object. Each first time table includes: addresses of video object units in a corresponding video object; and indicators. The addresses are arranged in order and indicate storage positions of the video object units that correspond to reproduction points that differ by a predetermined time unit. The predetermined time unit is longer than a maximum reproduction period of a video object unit. The indicators specify the video object units which respectively correspond to the addresses. Each second time table includes

an entry for each video object unit in the corresponding video object. The entries are arranged in order. Each second time table includes a reproduction period and a data size of each video object unit.